

R. Schwabron

Re-run

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/921,060B

DATE: 01/25/2002
TIME: 05:52:37

INPUT SET: S36682.raw

**This Raw Listing contains the General
Information Section and up to the first 5 pages.**

SEQUENCE LISTING

- 1
2
3 (1) General Information:
4
5 (i) APPLICANT: ANDERSON, DARRELL R.
6 HANNA, NABIL
7 LEONARD, JOHN E.
8 NEWMAN, ROLAND A.
9 REFF, MITCHELL E.
10 RASTETTER, WILLIAM H.
11
12 (ii) TITLE OF INVENTION: THERAPEUTIC APPLICATION OF CHIMERIC AND
13 RADIOLABELED ANTIBODIES TO HUMAN B LYMPHOCYTE RESTRICTED
14 DIFFERENTIATION ANTIGEN FOR THE TREATMENT OF B CELL
15 LYMPHOMA
16
17 (iii) NUMBER OF SEQUENCES: 11
18
19 (iv) CORRESPONDENCE ADDRESS:
20 (A) ADDRESSEE: PILLSBURY WINTHROP
21 (B) STREET: 1100 New York Avenue, N.W., Ninth FL.
22 (C) CITY: Washington
23 (D) STATE: DC
24 (E) COUNTRY: USA
25 (F) ZIP: 20005
26
27 (v) COMPUTER READABLE FORM:
28 (A) MEDIUM TYPE: Floppy disk
29 (B) COMPUTER: IBM PC compatible
30 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
31 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32
33 (vi) CURRENT APPLICATION DATA:
34 (A) APPLICATION NUMBER: US 08/921,060
35 (B) FILING DATE: 29-AUG-1997
36 (C) CLASSIFICATION:
37
38 (vii) PRIOR APPLICATION DATA:
39 (A) APPLICATION NUMBER: US 08/149,099
40 (B) FILING DATE: 03-NOV-1993
41
42 (vii) PRIOR APPLICATION DATA:
43 (A) APPLICATION NUMBER: US 07/978,891
44 (B) FILING DATE: 13-NOV-1992
45
46 (viii) ATTORNEY/AGENT INFORMATION:

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/921,060BDATE: 01/25/2002
TIME: 05:52:37

INPUT SET: S36682.raw

47 (A) NAME: Teskin, Robin L.
48 (B) REGISTRATION NUMBER: 35,030
49 (C) REFERENCE/DOCKET NUMBER: 037003-0275463
50

51 (ix) TELECOMMUNICATION INFORMATION:
52 (A) TELEPHONE: 202-861-3000
53 (B) TELEFAX: 202-822-0944
54
55

56 (2) INFORMATION FOR SEQ ID NO:1:
57

58 (i) SEQUENCE CHARACTERISTICS:
59 (A) LENGTH: 27 base pairs
60 (B) TYPE: nucleic acid
61 (C) STRANDEDNESS: single
62 (D) TOPOLOGY: linear
63

64 (ii) MOLECULE TYPE: DNA (genomic)
65
66

67
68
69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
70

71 GGGAGCTTGG ATCGATCCTC TATGGTT
72

27

73 (2) INFORMATION FOR SEQ ID NO:2:
74

75 (i) SEQUENCE CHARACTERISTICS:
76 (A) LENGTH: 8540 base pairs
77 (B) TYPE: nucleic acid
78 (C) STRANDEDNESS: single
79 (D) TOPOLOGY: linear
80

81 (ii) MOLECULE TYPE: DNA (genomic)
82
83
84

85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
87

88 GACGTCGCGG CCGCTCTAGG CCTCCAAAAA AGCCTCCTCA CTACTTCTGG AATAGCTCAG 60
89 AGGCCGAGGC GGCCTCGGCC TCTGCATAAA TAAAAAAAT TAGTCAGCCA TGCATGGGGC 120
90 GGAGAATGGG CGGAACGGG CGGAGTTAGG GCGGGGATGG GCGGAGTTAG GGGCGGGACT 180
91 ATGGTTGCTG ACTAATTGAG ATGCATGCTT TGCATACTTC TGCCCTGCTGG GGAGCCTGGG 240
92 GACTTTCCAC ACCTGGTTGC TGAATAATTG AGATGCATGC TTTGCATACT TCTGCCTGCT 300
93 GGGGAGCCTG GGGACTTTCC ACACCCCTAAC TGACACACAT TCCACAGAAT TAATTCCCCT 360
94 AGTTATTAAT AGTAATCAAT TACGGGGTCA TTAGTTCATA GCCCATATAT GGAGTTCCGC 420
95 GTTACATAAC TTACGGTAAA TGGCCCGCCT GGCTGACCGC CCAACGACCC CCGCCCATTTG 480
96 ACGTCAATAA TGACGTATGT TCCCATAGTA ACGCCAATAG GGACTTTCCA TTGACGTCAA 540
97 TGGGTGGACT ATTTACGGTA AACTGCCAC TTGGCAGTAC ATCAAGTGTA TCATATGCCA 600
98 AGTACGCCCC CTATTGACGT CAATGACGGT AAATGGCCCC CCTGGCATTG TGCCAGTAC 660
99 ATGACCTTAT GGGACTTTCC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC 720

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/921,060BDATE: 01/25/2002
TIME: 05:52:37

INPUT SET: S36682.raw

| | | | | | | | |
|-----|-------------|------------|------------|------------|-------------|------------|------|
| 100 | ATGGTGATGC | GGTTTTGGCA | GTACATCAAT | GGGCGTGGAT | AGCGGTTTGA | CTCACGGGGA | 780 |
| 101 | TTTCCAAGTC | TCCACCCCAT | TGACGTCAAT | GGGAGTTTGT | TTTGGCACCA | AAATCAACGG | 840 |
| 102 | GACTTTCCAA | AATGTCGTAA | CAACTCCGCC | CCATTGACGC | AAATGGGCGG | TAGGCGTGTA | 900 |
| 103 | CGGTGGGAGG | TCTATATAAG | CAGAGCTGGG | TACGTGAACC | GTCAGATCGC | CTGGAGACGC | 960 |
| 104 | CATCACAGAT | CTCTCACCAT | GAGGGTCCCC | GCTCAGCTCC | TGGGGCTCCT | GCTGCTCTGG | 1020 |
| 105 | CTCCCAGGTG | CACGATGTGA | TGGTACCAAG | GTGGAAATCA | AACGTACGGT | GGCTGCACCA | 1080 |
| 106 | TCTGTCTTCA | TCTTCCCGCC | ATCTGATGAG | CAGTTGAAAT | CTGGAAGTGC | CTCTGTTGTG | 1140 |
| 107 | TGCCGTGCTGA | ATAACTTCTA | TCCCAGAGAG | GCCAAAGTAC | AGTGAAGGT | GGATAACGCC | 1200 |
| 108 | TCCCAATCGG | GTAACCTCCA | GGAGAGTGTC | ACAGAGCAGG | ACAGCAAGGA | CAGCACCTAC | 1260 |
| 109 | AGCCTCAGCA | GCACCTGAC | GCTGAGCAAA | GCAGACTACG | AGAAACACAA | AGTCTACGCC | 1320 |
| 110 | TGCGAAGTCA | CCCATCAGGG | CCTGAGCTCG | CCCGTCACAA | AGAGCTTCAA | CAGGGGAGAG | 1380 |
| 111 | TGTTGAATTC | AGATCCGTTA | ACGGTTACCA | ACTACCTAGA | CTGGATTTCGT | GACAACATGC | 1440 |
| 112 | GGCCGTGATA | TCTACGTATG | ATCAGCCTCG | ACTGTGCCTT | CTAGTTGCCA | GCCATCTGTT | 1500 |
| 113 | GTTTGCCCCCT | CCCCCGTGCC | TTCCTTGACC | CTGGAAGGTG | CCACTCCCAC | TGTCCTTTCC | 1560 |
| 114 | TAATAAAATG | AGGAAATTGC | ATCGCATGTT | GCTGAGTAGT | GTCATTCTAT | TCTGGGGGGT | 1620 |
| 115 | GGGGTGGGGC | AGGACAGCAA | GGGGGAGGAT | TGGGAAGACA | ATAGCAGGCA | TGCTGGGGAT | 1680 |
| 116 | GCGGTGGGCT | CTATGGAACC | AGCTGGGGCT | CGACAGCTAT | GCCAAGTACG | CCCCCTATTG | 1740 |
| 117 | ACGTCAATGA | CGGTAAATGG | CCCGCCTGGC | ATTATGCCCA | GTACATGACC | TTATGGGACT | 1800 |
| 118 | TTCCTACTTG | GCAGTACATC | TACGTATTAG | TCATCGCTAT | TACCATGGTG | ATGCGGTTTT | 1860 |
| 119 | GGCAGTACAT | CAATGGGCGT | GGATAGCGGT | TTGACTCACG | GGGATTTCCA | AGTCTCCACC | 1920 |
| 120 | CCATTGACGT | CAATGGGAGT | TTGTTTTGGC | ACCAAAATCA | ACGGGACTTT | CCAAAATGTC | 1980 |
| 121 | GTAACAATC | CGCCCCATTG | ACGCAAAATG | GCGGTAGGCG | TGTACGGTGG | GAGGTCTATA | 2040 |
| 122 | TAAGCAGAGC | TGGGTACGTC | CTCACATTCA | GTGATCAGCA | CTGAACACAG | ACCCGTCGAC | 2100 |
| 123 | ATGGGTTGGA | GCCTCATCTT | GCTCTTCCTT | GTGCTGTTG | CTACGCGTGT | CGCTAGCACC | 2160 |
| 124 | AAGGGCCCCAT | CGGTCTTCCC | CCTGGCACCC | TCCTCCAAGA | GCACCTCTGG | GGGCACAGCG | 2220 |
| 125 | GCCCTGGGCT | GCCTGGTCAA | GGACTACTTC | CCCGAACCGG | TGACGGTGTG | GTGGAAGTCA | 2280 |
| 126 | GGCGCCCTGA | CCAGCGGCGT | GCACACCTTC | CCGGCTGTCC | TACAGTCCTC | AGGACTCTAC | 2340 |
| 127 | TCCCTCAGCA | GCGTGGTGAC | CGTGCCCTCC | AGCAGCTTGG | GCACCCAGAC | CTACATCTGC | 2400 |
| 128 | AACGTGAATC | ACAAGCCAG | CAACACCAAG | GTGGACAAGA | AAGCAGAGCC | CAAATCTTGT | 2460 |
| 129 | GACAAAATC | ACACATGCCC | ACCGTGCCCA | GCACCTGAAC | TCCTGGGGGG | ACCGTCAGTC | 2520 |
| 130 | TTCCTCTTCC | CCCCAAAACC | CAAGGACACC | CTCATGATCT | CCCGGACCCC | TGAGGTCACA | 2580 |
| 131 | TGCGTGGTGG | TGGACGTGAG | CCACGAAGAC | CCTGAGGTCA | AGTTCAACTG | GTACGTGGAC | 2640 |
| 132 | GGCGTGAGG | TGCATAATGC | CAAGACAAAG | CCGCGGGAGG | AGCAGTACAA | CAGCACGTAC | 2700 |
| 133 | CGTGTGGTCA | GCGTCCTCAC | CGTCTGTCAC | CAGGACTGGC | TGAATGGCAA | GGACTACAAG | 2760 |
| 134 | TGCAAGGTCT | CCAACAAAGC | CCTCCCAGCC | CCCATCGAGA | AAACCATCTC | CAAAGCCAAA | 2820 |
| 135 | GGGCAGCCCC | GAGAACCACA | GGTGATACAC | CTGCCCCCAT | CCCGGGATGA | GCTGACCAGG | 2880 |
| 136 | AACCAGGTCA | GCCTGACCTG | CCTGGTCAAA | GGCTTCTATC | CCAGCGACAT | CGCCGTGGAG | 2940 |
| 137 | TGGGAGAGCA | ATGGGCAGCC | GGAGAACAAC | TACAAGACCA | CGCCTCCCGT | GCTGGACTCC | 3000 |
| 138 | GACGGCTCCT | TCTTCTCTTA | CAGCAAGCTC | ACCGTGGACA | AGAGCAGGTG | GCAGCAGGGG | 3060 |
| 139 | AACGTCTTCT | CATGCTCCGT | GATGCATGAG | GCTCTGCACA | ACCACTACAC | GCAGAAGAGC | 3120 |
| 140 | CTCTCCCTGT | CTCCGGGTAA | ATGAGGATCC | GTAAACGGTT | ACCAACTACC | TAGACTGGAT | 3180 |
| 141 | TCGTGACAA | ATGCGGCCGT | GATATCTACG | TATGATCAGC | CTCGACTGTG | CCTTCTAGTT | 3240 |
| 142 | GCCAGCCATC | TGTTGTTTGC | CCCTCCCCCG | TGCCTTCCTT | GACCCCTGGAA | GGTGCCACTC | 3300 |
| 143 | CCACTGTCCT | TTCCTAATAA | AATGAGGAAA | TTGCATCGCA | TTGTCTGAGT | AGGTGTCAAT | 3360 |
| 144 | CTATTCTGGG | GGGTGGGGTG | GGGCAGGACA | GCAAGGGGGA | GGATTGGGAA | GACAATAGCA | 3420 |
| 145 | GGCATGCTGG | GGATGCGGTG | GGCTCTATGG | AACCAGCTGG | GGCTCGACAG | CGCTGGATCT | 3480 |
| 146 | CCCGATCCCC | AGCTTTGCTT | CTCAATTTCT | TATTTGCATA | ATGAGAAAAA | AAGGAAAAAT | 3540 |
| 147 | AATTTTAACA | CCAATTCAGT | AGTTGATTGA | GCAAATGCGT | TGCCAAAAAG | GATGCTTTAG | 3600 |
| 148 | AGACAGTGTT | CTCTGCACAG | ATAAGGACAA | ACATTATTCA | GAGGGAGTAC | CCAGAGCTGA | 3660 |
| 149 | GACTCCTAAG | CCAGTGAGTG | GCACAGCATT | CTAGGGAGAA | ATATGCTTGT | CATCACCAGG | 3720 |
| 150 | GCCTGATTCC | GTAGAGCCAC | ACCTTGGTAA | GGGCCAATCT | GCTCACACAG | GATAGAGAGG | 3780 |
| 151 | GCAGGAGCCA | GGGCAGAGCA | TATAAGGTGA | GGTAGGATCA | GTTGCTCCTC | ACATTTGCTT | 3840 |
| 152 | CTGACATAGT | TGTGTTGGGA | GCTTGGATAG | CTTGGACAGC | TCAGGGCTGC | GATTTGCGCG | 3900 |

RAW SEQUENCE LISTING PATENT APPLICATION US/08/921,060B

DATE: 01/25/2002
TIME: 05:52:38

INPUT SET: S36682.raw

| | | | | | | | |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|------|
| 153 | CAAACCTTGAC | GGCAATCCTA | GCGTGAAGGC | TGGTAGGATT | TTATCCCCGC | TGCCATCATG | 3960 |
| 154 | GTTTCGACCAT | TGAACCTGCAT | CGTCGCCGTG | TCCCAAAATA | TGGGGATTGG | CAAGAACGGA | 4020 |
| 155 | GACCTACCTT | GGCCTCCGCT | CAGGAACGAG | TTCAAGTACT | TCCAAAGAAT | GACCACAACC | 4080 |
| 156 | TCTTCAGTGG | AAGGTAAACA | GAATCTGGTG | ATTATGGGTA | GGAAAACCTG | GTTCTCCATT | 4140 |
| 157 | CCTGAGAACA | ATCGACCTTT | AAAGGACAGA | ATTAATATAG | TTCTCAGTAG | AGAACTCAAA | 4200 |
| 158 | GAACCACCAC | GAGGAGCTCA | TTTTCTTGCC | AAAAGTTTGG | ATGATGCCTT | AAGACTTATT | 4260 |
| 159 | GAACAACCGG | AATTGGCAAG | TAAAGTAGAC | ATGGTTTGGG | TAGTCGGAGG | CAGTTCTGTT | 4320 |
| 160 | TACCAGGAAG | CCATGAATCA | ACCAGGCCAC | CTTAGACTCT | TTGTGACAAG | GATCATGCAG | 4380 |
| 161 | GAATTTGAAA | GTGACACGTT | TTTCCAGAA | ATTGATTTGG | GGAAATATAA | ACTTCTCCCA | 4440 |
| 162 | GAATACCCAG | GCGTCTCTC | TGAGGTCCAG | GAGGAAAAAG | GCATCAAGTA | TAAGTTTGAA | 4500 |
| 163 | GTCTACGAGA | AGAAAGACTA | ACAGGAAGAT | GCTTTCAAGT | TCTCTGCTCC | CCTCCTAAAG | 4560 |
| 164 | TCATGCATTT | TTATAAGACC | ATGGGACTTT | TGCTGGCTTT | AGATCAGCCT | CGACTGTGCC | 4620 |
| 165 | TTCTAGTTGC | CAGCCATCTG | TTGTTTGCCC | CTCCCCCGTG | CCTTCCTTGA | CCCTGGAAGG | 4680 |
| 166 | TGCCACTCCC | ACTGTCTTTT | CCTAATAAAA | TGAGGAAATT | GCATCGCATT | GTCTGAGTAG | 4740 |
| 167 | GTGTCATTCT | ATTCTGGGGG | GTGGGGTGGG | CTCAGGACAGC | AAGGGGGAGG | ATTGGGAAGA | 4800 |
| 168 | CAATAGCAGG | CATGCTGGGG | ATGCGGTGGG | CTCTATGGAA | CCAGCTGGGG | CTCGAGCTAC | 4860 |
| 169 | TAGCTTTGCT | TCTCAATTTT | TTATTTGCAT | AATGAGAAAA | AAAGGAAAAT | TAATTTTAAAC | 4920 |
| 170 | ACCAATTGAG | TAGTTGATTG | AGCAAATGCG | TTGCCAAAAA | GGATGCTTTA | GAGACAGTGT | 4980 |
| 171 | TCTCTGCACA | GATAAGGACA | AACATTATTC | AGAGGGAGTA | CCCAGAGCTG | AGACTCCTAA | 5040 |
| 172 | GCCAGTGAGT | GGCACAGCAT | TCTAGGGAGA | AATATGCTTG | TCATCACCAG | AGCCTGATTC | 5100 |
| 173 | CGTAGAGCCA | CACCTTGATA | AGGGCCAATC | TGCTCACACA | GGATAGAGAG | GGCAGGAGCC | 5160 |
| 174 | AGGGCAGAGC | ATATAAGGTG | AGGTAGGATC | AGTTGCTCCT | CACATTTGCT | TCTGACATAG | 5220 |
| 175 | TTGTGTTGGG | AGCTTGGATC | GATCCTCTAT | GGTTGAACAA | GATGGATTGC | ACGCAGGTTT | 5280 |
| 176 | TCCGGCCGCT | TGGGTGGAGA | GGCTATTCCG | CTATGACTGG | GCACAACAGA | CAATCGGCTG | 5340 |
| 177 | CTCTGATGCC | GCCGTGTTCC | GGCTGTCCAG | GCAGGGGCGC | CCGGTTCTTT | TTGTCAAGAC | 5400 |
| 178 | CGACCTGTCC | GGTGCCCTGA | ATGAACTGCA | GGACGAGGCA | GCGCGGCTAT | CGTGGCTGGC | 5460 |
| 179 | CACGACGGGC | GTTCTTGGCG | CAGCTGTGCT | CGACGTTGTC | ACTGAAGCGG | GAAGGGACTG | 5520 |
| 180 | GCTGCTATTG | GGCGAAGTGC | CGGGGCAGGA | TCTCCTGTCA | TCTCACCTTG | CTCCTGCCGA | 5580 |
| 181 | GAAAGTATCC | ATCATGGCTG | ATGCAATGCG | GCGGCTGCAT | ACGCTTGATC | CGGCTACCTG | 5640 |
| 182 | CCCATTCGAC | CACCAAGCGA | AACATCGCAT | CGAGCGAGCA | CGTACTCGGA | TGGAAGCCGG | 5700 |
| 183 | TCTTGTCGAT | CAGGATGATC | TGGACGAAGA | GCATCAGGGG | CTCGCGCCAG | CCGAAGTGT | 5760 |
| 184 | CGCCAGGCTC | AAGGCGCGCA | TGCCCCAGCG | CGAGGATCTC | GTCGTGACCC | ATGGCGATGC | 5820 |
| 185 | CTGCTTGCCG | AATATCATGG | TGGAAAAATG | CCGCTTTTCT | GGATTTCATG | ACTGTGGCCG | 5880 |
| 186 | GCTGGGTGTG | GCGGACCGCT | ATCAGGACAT | AGCGTTGGCT | ACCCGTGATA | TTGCTGAAGA | 5940 |
| 187 | GCTTGGCGGC | GAATGGGCTG | ACCGCTTCCT | CGTGCTTTAC | GGTATCGCCG | CTCCCGATTC | 6000 |
| 188 | GCAGCGCATC | GCCTTCTATC | GCCTTCTTGA | CGAGTTCTTC | TGAGCGGGAC | TCTGGGGTTC | 6060 |
| 189 | GAAATGACCG | ACCAAGCGAC | GCCCAACCTG | CCATCACGAG | ATTTTCGATTC | CACCGCCGCC | 6120 |
| 190 | TTCTATGAAA | GGTTGGGCTT | CGGAATCGTT | TTCCGGGACG | CCGGCTGGAT | GATCCTCCAG | 6180 |
| 191 | CGCGGGGATC | TCATGCTGGA | GTTCTTCGCC | CACCCCAACT | TGTTTATTGC | AGCTTATAAT | 6240 |
| 192 | GGTTACAAAT | AAAGCAATAG | CATCACAAAT | TTCACAAATA | AAGCATTTTT | TTCATGTCAT | 6300 |
| 193 | TCTAGTTGTG | GTTTGTCCAA | ACTCATCAAT | CTATCTTATC | ATGTCTGGAT | CGCGGCCGCG | 6360 |
| 194 | ATCCCGTCTG | GAGCTTGGCG | TAATCATAGT | CATAGCTGTT | TCCTGTGTGA | AATTGTTATC | 6420 |
| 195 | CGCTCACAAAT | TCCACACAAC | ATACGAGCCG | GAAGCATAAA | GTGTAAAGCC | TGGGGTGCCT | 6480 |
| 196 | AATGAGTGAG | CTAACTCACA | TTAATTGCGT | TGCGCTCACT | GCCCCGTTTC | CAGTCGGGAA | 6540 |
| 197 | ACCTGTCGTG | CCAGCTGCAT | TAATGAATCG | GCCAACGCGC | GGGGAGAGGC | GGTTTGCCTA | 6600 |
| 198 | TTGGGCGCTC | TTCCGCTTCC | TCGCTCACTG | ACTCGCTGCG | CTCGGTCGTT | CGGCTGCGGC | 6660 |
| 199 | GAGCGGTATC | AGCTCACTCA | AAGGCGGTAA | TACGGTTATC | CACAGAATCA | GGGGATAACG | 6720 |
| 200 | CAGGAAAGAA | CATGTGAGCA | AAAGGCCAGC | AAAAGGCCAG | GAACCGTAAA | AAGGCCCGCT | 6780 |
| 201 | TGCTGGCGTT | TTTCCATAGG | CTCCGCCCCC | CTGACGAGCA | TCACAAAAAT | CGACGCTCAA | 6840 |
| 202 | GTCAGAGGTG | GCGAAACCCG | ACAGGACATAT | AAAGATACCA | GGCGTTTCCC | CCTGGAAGCT | 6900 |
| 203 | CCCTCGTGCG | CTCTCCTGTT | CCGACCCTGC | CGCTTACCGG | ATACCTGTCC | GCCTTTCTCC | 6960 |
| 204 | CTTCGGGAAG | CGTGGCGCTT | TCTCAATGCT | CACGCTGTAG | GTATCTCAGT | TCGGTGTAGG | 7020 |
| 205 | TCGTTTCGCTC | CAAGCTGGGC | TGTGTGCACG | AACCCCCCGT | TCAGCCCGAC | CGCTGCGCCT | 7080 |

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/921,060BDATE: 01/25/2002
TIME: 05:52:38

INPUT SET: S36682.raw

206 TATCCGGTAA CTATCGTCTT GAGTCCAACC CGGTAAGACA CGACTTATCG CCACTGGCAG 7140
207 CAGCCACTGG TAACAGGATT AGCAGAGCGA GGTATGTAGG CGGTGCTACA GAGTTCTTGA 7200
208 AGTGGTGGCC TAACTACGGC TACACTAGAA GGACAGTATT TGGTATCTGC GCTCTGCTGA 7260
209 AGCCAGTTAC CTTCCGAAAA AGAGTTGGTA GCTCTTGATC CGGCAAAACA ACCACCGCTG 7320
210 GTAGCGGTGG TTTTTTTGTT TGCAAGCAGC AGATTACGCG CAGAAAAAAA GGATCTCAAG 7380
211 AAGATCCTTT GATCTTTTCT ACGGGGTCTG ACGCTCAGTG GAACGAAAAC TCACGTTAAG 7440
212 GGATTTTGGT CATGAGATTA TCAAAAAGGA TCTTCACCTA GATCCTTTTA AATTAAAAAT 7500
213 GAAGTTTAA ATCAATCTAA AGTATATATG AGTAAACTTG GTCTGACAGT TACCAATGCT 7560
214 TAATCAGTGA GGCACCTATC TCAGCGATCT GTCTATTTTCG TTCATCCATA GTTGCTGAC 7620
215 TCCCCGTCGT GTAGATAACT ACGATACGGG AGGGCTTACC ATCTGGCCCC AGTGCTGCAA 7680
216 TGATACCGCG AGACCCACGC TCACCGGCTC CAGATTTATC AGCAATAAAC CAGCCAGCCG 7740
217 GAAGGGCCGA GCGCAGAAGT GGTCTGCAA CTTTATCCGC CTCCATCCAG TCTATTAATT 7800
218 GTTGCCGGGA AGCTAGAGTA AGTAGTTCGC CAGTTAATAG TTTGCGCAAC GTTGTGCCA 7860
219 TTGCTACAGG CATCGTGGTG TCACGCTCGT CGTTTGGTAT GGCTTCATTC AGCTCCGGTT 7920
220 CCAACGATC AAGGCGAGTT ACATGATCCC CCATGTTGTG CAAAAAAGCG GTTAGCTCCT 7980
221 TCGGTCCTCC GATCGTTGTC AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG 8040
222 CAGCACTGCA TAATTCTCTT ACTGTCATGC CATCCGTAAG ATGCTTTTCT GTGACTGGTG 8100
223 AGTACTCAAC CAAGTCATTG TGAGAATAGT GTATGCGGCG ACCGAGTTGC TCTTGCCCGG 8160
224 CGTCAATACG GGATAATACC GCGCCACATA GCAGAACTTT AAAAGTGCTC ATCATTGGAA 8220
225 AACGTTCTTC GGGGCGAAAA CTCTCAAGGA TCTTACCGCT GTTGAGATCC AGTTCGATGT 8280
226 AACCCACTCG TGCACCCAAC TGATCTTCAG CATCTTTTAC TTTACCAGC GTTTCCTGGT 8340
227 GAGCAAAAAC AGGAAGGCAA AATGCCGCAA AAAAGGGAAT AAGGGCGACA CGGAAATGTT 8400
228 GAATACTCAT ACTCTTCCTT TTTCAATATT ATTGAAGCAT TTATCAGGGT TATTGTCTCA 8460
229 TGAGCGGATA CATATTGAA TGTATTTAGA AAAATAAACA AATAGGGGTT CCGCGCACAT 8520
230 TTCCCCGAAA AGTGCCACCT 8540

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9209 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

246
247 GACGTCGCGG CCGCTCTAGG CCTCCAAAAA AGCCTCCTCA CTACTTCTGG AATAGCTCAG 60
248 AGGCCGAGGC GGCCTCGGCC TCTGCATAAA TAAAAAAAT TAGTCAGCCA TGCATGGGGC 120
249 GGAGAATGGG CGGAAGTGGG CGGAGTTAGG GGCGGGATGG GCGGAGTTAG GGGCGGGACT 180
250 ATGGTTGCTG ACTAATTGAG ATGCATGCTT TGCATACTTC TGCCTGCTGG GGAGCCTGGG 240
251 GACTTTCCAC ACCTGGTTGC TGACTAATTG AGATGCATGC TTTGCATACT TCTGCTGCT 300
252 GGGGAGCCTG GGGACTTTCC ACACCCTAAC TGACACACAT TCCACAGAAT TAATTCCCCT 360
253 AGTTATTAAT AGTAATCAAT TACGGGGTCA TTAGTTCATA GCCCATATAT GGAGTTCCGC 420
254 GTTACATAAC TTACGGTAAA TGGCCCGCTT GGCTGACCGC CCAACGACCC CCGCCCATTG 480
255 ACGTCAATAA TGACGTATGT TCCCATAGTA ACGCCAATAG GGACTTTCCA TTGACGTCAA 540
256 TGGGTGGACT ATTTACGGTA AACTGCCCAC TTGGCAGTAC ATCAAGTGTA TCATATGCCA 600
257 AGTACGCCCC CTATTGACGT CAATGACGGT AAATGGCCCG CCTGGCATTG TGCCAGTAC 660
258 ATGACCTTAT GGGACTTTCC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC 720

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/921,060B

DATE: 01/25/2002
TIME: 05:52:38

INPUT SET: S36682.raw

Line

Error

Original Text

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/08/921,060B

DATE: 01/25/2002
TIME: 05:52:38

INPUT SET: S36682.raw

<< THERE ARE NO ITEMS MISSING >>

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/08/921,060B

DATE: 01/25/2002
TIME: 05:52:38

INPUT SET: S36682.raw

| Line | Original Text | Corrected Text |
|------|---------------|----------------|
|------|---------------|----------------|